

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: jess.gypin@dinosaur.com
Subject: [3382] Antenna parts for 80 m
Message-ID: <9509230954.0DWP00@dinosaur.com>

I am trying to locate the parts for the 80-160 meter receive antenna in this month's issue of QST. They say the transformer is wound on a Amidon FB-77-1024 coil form and I have had NO luck finding one local. Can anyone tell me where I might be able to get one mail order? I also need to find a 100 pf air variable cap. I know there are good sources for this stuff, but I misplaced my suppliers list. Any help would be appreciated.

Best
Jess NOTFI
JessQRP@aol.com or Jess.Gypin@Dinosaur.com

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: Ptcandy@aol.com
Subject: [3389] Capacitor question and wife notes.
Message-ID: <950923230958_107264459@emout05.mail.aol.com>

I'm building a low-pass filter. The design I am using is on page 125 and 126 in QRP CLASSICS published by the ARRL. The plans call for using silver-mica capacitors. I have checked Digi-Com as well as a local supplier's catalog and the closest I come up with are plain mica capacitors. Are they the same? If not, what is the modern-day counterpart of the silver-mica cap? If these little guys are still around, who carries them? Your help would be appreciated. The article originally appeared in the April, 1979 issue of QST. (A lifetime ago for some).

Also, I would like to respond to the fellow whose wife just became a ham. My XYL was not crazy about my hobby until I got her involved. It started with November Sweepstakes a few years ago. I had the gang over for the contest and my wife got involved in logging. Her girlfriend's are hams so that doesn't hurt either. What clinched it however was the time Candi (my XYL) and her friend Diane KA2GWM were shopping. Diane took her handi-talkie out of her bag, called her OM on the local repeater and ordered him to start dinner. My wife looked at this device as a remote control for the husband. She quickly got her license (N2SXY--great call for a YL) and

purchased a
remote control----I mean handi talkie for herself. The only regret I have
about Candi
getting a ticket is that she reads my ham magazines and now knows ham radio
equipment costs more than \$50.
Gotta go!! N2SXY is calling.
Coming dear.

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: [3392] Cascade Ship Date (Long)
Message-ID: <9509240533.AA05539@deneb.csustan.edu>

The Cascade kits will start shipping on Monday. I have 25 of them ready to
go now (Saturday night) and hope to get 25 more ready tomorrow. It has been
an adventure, and what a learning experience, but I definitely think that it
has been well worth all the work. Let me get you up to date with the
excitement the last week.

Saturday, Sept. 16th:

I attend Jim Cates' 50th wedding anniversary bash. Jim is a little
behind with NorCal correspondance, because of all the excitement, but he
will catch up by the end of the month. Dave Meacham, W6EMD, will get his
set of crystals for the Cascade today. I sent them priority mail on Thursday,
and it gets there Saturday. Dave checks the crystals, and they are way out
of spec. He sends me an urgent message, he is concerned. (We have already
sent back 1000 crystals to Digikey that would not work in the filter circuit.)

Sunday, Sept. 17th:

I get back from Sacramento and find Dave's message in the Email. I
give him a call, and we think that what has happened is that I have mixed up
the crystals by mistake. Since I am going to the 2 Guys From Italy dinner
on Tuesday night, we agree that I will deliver the crystals then. Dave also
informs me that there is one more circuit change (this is number 24) and that
we will need to put a 1/2 watt or preferably a 1 watt resistor in the kit.

HSC has tons of resistors so it shouldn't be a problem. We are also
working like mad on the manual. I will take the second draft to Dave, and we
agree to meet an hour early at Two Guys to go over the manual. I call John
Liebenrood, K7R0. He informs me that he is leaving for Germany on Friday to
do some consulting. He wants to see the manual before he leaves. That means
that I have a ton of work to do. I stay up til midnight working on the
manual.

Monday, Sept. 18th:

After school is out, I work on the Cascade manual. I have it almost

done, and it is about 35 pages long, but it is going well. I finish at 11:00 that night.

Tuesday, Sept. 19th: I get the manual to the school's print shop. They will print 3 copies for \$10. But the good news is that I can get it at 3:00. I teach school til 3, and then go pick up the manuals. One is shipped to John via Express mail (\$15), but it will get there by Weds. afternoon. The other two will go with me to Sunnyvale and the dinner meeting at 2 Guys. On the way I will stop by HSC and pick up 225 150 ohm 1/2 watt resistors. Nice thought, but guess what. HSC is out of them. Quick over to Ace, they are out. Stop by Fry's Electronics, they have 1/4watt but not 1/2 watt. It is time to meet Dave. We go over the manual, and he has several suggestions for changes and improvements. He approves the drawings, and makes one suggestion for one of the ones that he hasn't seen before.

The dinner is fun. Dave Benson, Wayne Burdick, Bob Dyer, Eric Swartz, Jeff Anderson, Darius ?? and one more who I can't remember join Dave and I. There is lot's of QRP talk, I pass out copies of QRPP to look over, but I make them promise to return them, as they are ones that I must save for mistakes. The issues were mailed last Thursday, and they will be arriving soon. Dave Benson has a new rig, and he shows it off. I can't give details as it isn't my place, but I can tell you that it will be published in the New England QRP Newsletter in the next issue, and also in QRPP in December.

I get home at 12:15 AM, it is a 125 mile drive one way to Sunnyvale from Dos Palos.

Wednesday, Sept. 20th:

Today is my oldest daughter's birthday, the one who got married this summer. We will be going to celebrate, my wife informs me. So, I will not be able to work on the manual. But, I do get to stop and pick up 200 padded mailing envelopes for the Cascade. I also call Davila, and find out that I can pick up the circuit boards on Thursday!!!!!!!!!!!!

Thursday, Sept. 21st:

It is another flying trip back to Sunnyvale to get the boards. Wow do they look great. So was the bill, \$3,600 for boards is a chunk of change. I get home at 10:00, and John calls as I walk in the door. It's crisis time again. The crystals that I gave Dave Tuesday night are just as mixed up as the first batch. Jim Cates had used a parallel circuit to match them, and evidently it didn't work for this application as we were using a series circuit. John suggested that I take the crystal out of the BFO and use the Cascade prototype to match the crystals by putting in a crystal socket, and then testing them. That will be necessary as Dave is leaving for a few days vacation in Oregon and is not available to match the crystals. It is up to me.

Friday, Sept. 22nd:

Right after school I have to go to Merced (30 miles away) to pick up 1/4 inch 6-32 screws that I need to put in the kit. Orchard Supply will have

them there, I ordered them on Wednesday and the lady assured me there would be no problem. I get to O.S., and you guessed it. The screws are not in, and the lady who was to get them is gone. Finally they find the screws, but only half of them. They agree to mail the rest of them Monday. At least I have enough to do 100 kits. I get home, eat dinner and visit for a few minutes with my youngest daughter who has come home from college to pick up a few items she forgot. It is fun to see Robbie. She is the one who wound all the wire in the Cascade, NorCal 40, 40A, and Sierra kits.

After dinner, I go to school where I will start packaging the boards. Here is how I packed them. The main board goes in one of the heavy plastic bags that we use to ship QRPP, and is sealed right next to the edge. Then I put in a 75 meter band module and cover, seal them, then finish with a 20 meter band module and cover and seal the whole thing. It takes 3 hours to do 100 sets of boards.

Saturday, Sept. 23rd:

I take my wife out to breakfast. The next task is to rematch the crystals in the Cascade BFO. Grab the Cascade, pop off the bottom, unsolder the BFO crystal, and then clean out the holes with solder wick. I look for the crystal sockets that I know I have for 20 minutes. Finally I find them. Oops, I will have to cut them down to make them fit. Luckily I have a milling machine, and it is quick work. The socket is installed. I hook up the frequency counter to the scope, Tectronics 465, and get out the schematic to the Cascade. Let's see, where shall I hook up the probe? Oh, there it is between R22 and R58. (It is amazing what I have learned in a few short years building QRP projects.) I would not have even known where to even think of starting 3 years ago. I get the probe hooked up, plug in a crystal, and voila, the scope shows a beautiful sine wave, so the circuit is BFOing, and the counter is working. Ok, now to check 3 or 4 of the sets of "matched" crystals. Oh no, they are 4 and 500 Hertz apart. Way out of spec. John wants them within 100 Hertz. Looks like I will have to redo them. Gee, only 1000 of them to do. I get started and it is 3:00 before I have 500 of them done. I decide to stop and start packaging kits.

Then I realize that I have not drilled out the front panels. When I picked up the cases, 2 holes were off 1/32", so I have to drill them out. I start drilling on the milling machine. I have to drill the holes, turn the panel over, and then use a counter sink to remove the burrs. It takes me 3 hours to do 100 panels. I stop and eat dinner. We send out for pizza.

At 7:00 I go to the school and start packing kits. I don't just throw them in a bag. No, I have to add the 1 watt resistor (oh, I ordered them from Mouser, they got here Friday), the four 6-32 screws, the main tuning cap, and the matched crystals. Then I seal the bag. Then I put the bag in a bubble wrap mailer, then I take the PC Boards and the panels, tape them in the cases, tape the cases shut, put the cases in the mailer, then tape the mailer shut. The whole thing goes into a Priority mail box from the US Post Office. (You should have seen the look on the clerk's face when I asked for 200 priority mail boxes!!).

The only thing left to do is insert the Manuals on Monday, seal up

the boxes and address them. The kits will be mailed in the order that we received the orders. No Exceptions. It has been a long struggle, but the end is near. Heat up the irons and get ready. The Cascade is on the way.

Thank you to all for being so patient. We have had a few calls, but they were just curious and anxious. All were understanding. No one has cancelled, and we are mailing 5 weeks late. That is because of late parts arrivals, and changes in the circuit at the last minute to improve and correct things. I hope you enjoy your kit.

We are mailing all kits Priority Mail in the US, and Air Mail for DX.

72, Doug, KI6DS

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: paul1@wizard.ucs.sfu.ca (Paul Erickson)
Subject: [3395] HW-8 Manual
Message-ID: <9509240719.AA15319@wizard.ucs.sfu.ca>

I have a HW 8 without a manual. I would be happy to cover duplicating and shipping costs, if anyone could help me out. Thanks in advance.

cheers, Paul
VE7CQK

email: paul1@wizard.ucs.sfu.ca

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: beretta1@ix.netcom.com (LARRY PIKE)
Subject: [3386] MFJ 9420 SSB rig
Message-ID: <199509232040.NAA16551@ix5.ix.netcom.com>

I just got a 9420 and will have it on the air Sunday for the 1st time.
I will post comments Monday or Tuesday

WD9HCR

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: KT3A@aol.com
Subject: [3387] QRP at York, PA hamfest.
Message-ID: <950923183036_107090108@emout05.mail.aol.com>

Gang,

We had fun at the York Hamfest with the QRP folks. I won't list them because I may leave some out. WA8MCQ, Mike C. brought the banner for ARCI and K7YHA had his books for sale as well as NorCal back issues. I had some info on our QRP Society of Central PA there. I wish I could have stayed a little longer but I enjoyed the 3 hours I was there. Let me encourage you to do some promotional things at the local hamfests.

I think we had a lot of attention because there was a lot more of computer stuff and less radio stuff. It was a pleasure to meet Rich and I'm sure the local QRP'ers enjoyed meeting him as well as our neighbors who came up from the Maryland milliwatt club. (All 2 of them).

72 de cameron, kt3a (Bob use this blurb in our newsletter, if you wish).

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: Joe Gervais <vole@primenet.com>
Subject: [3393] QRP+ Power Advice
Message-ID: <199509240601.XAA16422@usr2.primenet.com>

Howdy all,

Now that my QRP+ is on the way, I thought I'd poll the list here and see what you current QRP+ owners are doing for power. Figure I'll need a gel cell with at least 5 AmpHrs to run the critter for a weekend of operating. Am I guessing correctly?

Saw an ad for the "Power Station" (12v, 7 AmpHrs, built-in charger) for \$49.95 US. Being a bit on the lazy side (don't feel like building my own charger) this seems like a reasonable deal. Anyone have any good/bad experiences with it? The guy keeps running ads in QST, so *someone* must be buying them. :-)

Cheers,

-Joe, KD6PRD/7, vole@primenet.com

Still working on a good antenna system for the Fox Hunt...

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: adam@philadelphia.libertynet.org (Adam O'Donnell)
Subject: [3380] R1 Receiver?

Message-ID: <9509231517.AA07644@philadelphia.libertynet.org>

Does anyone here have any experience with the R1 Receiver boards?

Tnx es 73

--

Adam O'Donnell, N3RCS
Amsat: N3RCS@AMSAT.ORG
Internet: ADAM@LIBERTYNET.ORG

"I want to know how God created this world. I am not interested in this or that phenomenon. I want to know His thoughts, the rest are details."

-- Albert Einstein

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: H Smith <hbs@crl.com>
Subject: [3391] RTTY Contest
Message-ID: <Pine.SUN.3.91.950923213428.15526A-100000@crl8.crl.com>

Please, somebody tell me that there is some kind of RTTY contest going on that would cause all of those RTTY stations to be down in the CW portion of the band starting about 7.035.

Thanks

Henry Smith (hbs@crl.com)

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: Rarland@Microserve.com (Rarland)
Subject: [3396] T-T Argo 509 & the York (PA) Hamfest
Message-ID: <9509241209.AA02039@dungeon.Microserve.Net>

Hi Gang:

Tricia and I (along with Oki-the-Wonder-Dog) traveled to York, PA yesterday for their hamfest. There we met Cam Bailey, KT3A (and his tow lovely kids who kept Oki busy for several hours), John Jaminet, W3HMS, both officers in the Central State (PA) QRP-Club along with Danny Gingell, K3TKS, and Mike Czuhajewski, WA8MCQ from the QRP ARCI. We

quickly set up our "QRP Booth/Information Research Center/Junque Pile and mobile SPCA HQ!

One of the first things that happened, was that a tailgaiter directly accross from our location placed a complete Argonaut 509 station on the hood of his car. (By complete I mean: 509, 405 linear, 251 9amp PSU, 206 calibrator, 208 AF Filter & all original manuals). Several of us mosied over to stare....I inquired about the price (only \$280!) and immediately bought the entire station! (In all fairness I did tell him that he needed to tack on an extra \$100 to make it fair, but he insisted that \$280 was his price....God, I love this hobby!) The rig is in excellent shape (it's newer and in better cosmetic shape that the 509 I bought from Lowell Corbin at Dayton 94!) and works FB. The PSU and small accessories work as advertised. I have not tried the 405 linear, but what the heck, it looks nice on the operating table, just to round out the shack!

So, with my future mobile HF plans in the bag, I returned to the table to rub Oki's ears and explain to Tricia why I REALLY needed to spend the cash for yet another Argonaut 509!

Many people stopped by and we handed out QRP ARCI info, NorCal info, sold some f my books, signed up several people (myself included) for the Central State QRP Club. Danny, MIke and John hooked up a NorCal-40A (Wilderness Radio version) to a 40 meter Hamstick on the trunk of Danny's car and proceeded to work some Qs. (Pictures are available)

I got a good look at Danny's tuned speaker system for CW. Nice idea...gonna have to try that!

While Danny was using his NC-40A, mine was open on the table for inspection by passersby. More than once the comment was made "Why don't they put this out in a 2 meter or 6 meter version so the No Code Techs could get some building experience and practice the CW and ultimately upgrade?" NOT a bad idea, actually. Anyone out there want to attempt this project. Talk about doing the radio hobby a HUGE service....just imagine getting a bunch of the No Coders up to speed on CW so they can become REAL ham radio operators!

We left about 2 PM. At Tricia's suggestion, I joined the QCWA.....not sure exactly what message she's sending me, but I'll be on the lookout for a bottle of Geritol under the Xmas tree!

Fun was had by all....good fest.

CUL
73 rich

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: nskousen@scientechnology.com (Niel Skousen)
Subject: [3383] TVL: Gaithersburg MD
Message-ID: <9509231713.AA11344@rogue.corp1.scientechnology.com>

Will be in the Gaithersburg MD / Wash.DC area 9/26-9/29. Sked uncertain,
but interested in possible opportunities to meet local QRP-L gang. Will
have 2m/450 HT also....

Niel Skousen, nskousen@scientechnology.com
SCIENTECH Special Projects
208-525-3742, 529-4721 (FAX) WA7SSA

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: Joseph Cooper <joe@westonia.com>
Subject: [3390] Re: Antenna parts for 80 m
Message-ID: <m0swia4-0010F0C@gpu.westonia.com>

>I am trying to locate the parts for the 80-160 meter receive antenna in this
>months issue of QST.

They say the transformer is wound on a Amidon FB-77-1024
>coil form and I have had NO luck finding one local.

>>>The best bet is to contact Amidon themselves. They have an excellent
catalog full of technical info and speaking from personal experience, they
will go out of their way to help you with a problem.

Write them at Amidon Associates
P.O.Box 25867
Santa Ana, California
92799

I also need to find a 100 pf air variable cap.

>>>The best bet would be to go through a surplus place and get an
old 360 pf that would have been used in an AC/DC radio. These cost about
\$5.00. The trick is to find a double gang set and generally the second

section runs around 90 pf. You do not have to be 100% accurate on these. The other thing that you can do is get a 360 pf and remove plates (though I hate doing that).

If you can't find one go through

Antique Electronic Suppply
P.O. Box 27468
Tempe AZ
85285-7468

They have several types for about \$10.00

* Joseph Cooper:-VE3FMQ-QTH-East York-near Toronto Ontario Canada *
* Interests are:- BCB and VLF Radio-Woodworking-Steam Railroads - *
* -Nikola Tesla-Antique Radios-Crystal Radios-Travel-Burmese Cats *
* FAX (416) 423-7782 9:00pm to 5:00pm EDST Monday To Friday Only *

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: aa7qy@primenet.com (Roger Hightower)
Subject: [3394] Re: Cascade Ship Date (Long)
Message-ID: <199509240640.XAA20604@usr3.primenet.com>

At 01:42 AM 9/24/95 EDT, Doug Hendricks wrote:

>The Cascade kits will start shipping on Monday. I have 25 of them ready to
>go now (Saturday night) and hope to get 25 more ready tomorrow. It has been
>an adventure, and what a learning experience, but I definitely think that it
>has been well worth all the work. Let me get you up to date with the
>excitement the last week.

(much text deleted for brevity...rh)

My word, Doug. After reading all that, I can guarantee that any NorCal
kit I get will be treasured forever. You've got my greatest respect for
the job you do.

72, de Roger, AA7QY

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: JDuffy@aol.com

Subject: [3388] Re: MFJ 9420 qrp ssb rig
Message-ID: <950923185436_27425200@emout06.mail.aol.com>

I do not have the cw module in my 9420, but the rig works wonderfully on SSB. My only complaint is that the receiver is not very selective, but it is very sensitive. Transmit audio is good. It does not have a headphone jack but it would be fairly easy to add one. Really wish MFJ would bring out the radio in other models to support 80, 40, 15 and 6.

Regards,

Duffy - WB8NUT

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: AE4KN@aol.com
Subject: [3381] Re: What Logos?
Message-ID: <950923123700_106877574@mail04.mail.aol.com>

Try this. click on internet connection, then click on FTP, NOT WWW. Click on Go to FTP, then click OTHER SITE, then type in the name. If your running version 2.5, and this won't work for some reason, go to the WWW browser like normal, then in the box at the top of the browser screen, which is probably labeled 'document URL' (It'll have an "http://xxxxx") in it first, delete that and type in "ftp://name_of_ftp" and hit enter
That should work. Good luck

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: bobhigh@primenet.com (Bob Hightower)
Subject: [3385] Re: Wife
Message-ID: <199509231908.MAA07078@usr1.primenet.com>

My wife got her license when she got tired of me going to club meetings without her, and talking about field day and all that good stuff. She did upgrade to a Tech +, and really had a ball last field day (actually made more contacts than I did..that YL voice, ya know!). Sure is a big plus when you go to the candy store, as it doesn't take much to get her interested/excited in a piece of new gear.

Bob

From qrp-1@lehigh.edu Sun Sep 24 10:08:00 1995
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: [3384] Re: [3373] Re: Wife
Message-ID: <199509231711.KAA20805@netcom7.netcom.com>

My wife got her Tech, so that she could be in touch and help out in emergencies (it sure would have been nice during the Oakland firestorm), not only did she learn and pass the 5wpm code (because it's a part of the experience), she also felt much more comfortable with electricity and wires, since she now has some knowledge of what's going on.

73, doug